

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Grid1^{tm1Jnz}/Grid1^{tm1Jnz}](#)

RRID:MGI:3713210

Type: Organism

Proper Citation

RRID:MGI:3713210

Organism Information

URL:

Proper Citation: RRID:MGI:3713210

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: decreased body weight, cochlear outer hair cell degeneration, increased susceptibility to noise-induced hearing loss, impaired hearing, decreased endocochlear potential, abnormal distortion product otoacoustic emission, abnormal auditory brainstem response, increased or absent threshold for auditory brainstem response, behavior/neurological phenotype, type IV spiral ligament fibrocyte degeneration, absent distortion product otoacoustic emissions

Affected Gene: Grid1

Genomic Alteration: tm1Jnz

Catalog Number: 3713210

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17438141](#)

Organism Name: Grid1^{tm1Jnz}/Grid1^{tm1Jnz}

Record Creation Time: 20240120T190519+0000

Record Last Update: 20240130T201941+0000

Ratings and Alerts

No rating or validation information has been found for Grid1^{tm1Jnz}/Grid1^{tm1Jnz}.

No alerts have been found for Grid1^{tm1Jnz}/Grid1^{tm1Jnz}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.